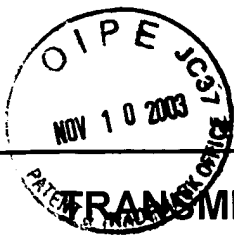


ENCLOSURE



17/1
PTO/SB/21 (08-03)

| | | | |
|--|----------------------|------------------------|-----------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/083,316 | |
| | Filing Date | February 25, 2002 | |
| | First Named Inventor | Soane, David S. | |
| | Art Unit | 1711 | |
| | Examiner Name | Jeffrey C. Mullis | |
| Total Number of Pages in This Submission | 5 | Attorney Docket Number | 021674-000251US |

| ENCLOSURES (Check all that apply) | | |
|---|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply - Election and Preliminary Amendment (Amendment No. 1) - 4 pgs. <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard |
| Remarks | | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430. |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
|--|---|-----------------|
| Firm or Individual | Townsend and Townsend and Crew LLP M. Henry Heines | Reg. No. 28,219 |
| Signature | | |
| Date | November 4, 2003 | |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
|--|------------|------|------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | | | |
| Typed or printed name | Mary Green | | |
| Signature | | Date | November 4, 2003 |



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 021674-000251US
ZMSI-001P4-3

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On November 4, 2003

TOWNSEND and TOWNSEND and CREW LLP
By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

David S. SOANE,
Michael R. HOUSTON, and
Toshiaki HINO

Application No.: 10/083,316

Filed: February 25, 2002

For: NEAR-NET-SHAPE
POLYMERIZATION PROCESS
AND MATERIALS SUITABLE
FOR USE THEREWITH

Examiner: Mullis, Jeffrey C.
Art Unit: 1711

**ELECTION AND PRELIMINARY
AMENDMENT (AMENDMENT NO. 1)**

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of October 9, 2003, Applicants offer the following election and amendment.

The election begins on this page; the amendment begins on page 3, and Applicants' remarks begin on page 4.

ELECTION

As the dead polymer, Applicants elect ZEONOR 1020R, which is identified by the supplier as a "cyclo-olefin polymer." This species of dead polymer is

listed in the specification at page 18, lines 1-6. The list on page 15, lines 24-32 and on page 18, lines 19-33 cited by the examiner is not a complete list of the dead polymers cited in the specification.

As the reactive plasticizer, Applicants elect isobornyl methacrylate, which is listed in the specification in Example 7, at page 23.

Claims 1 through 9 of the application are readable on these elected species. This election requirement is respectfully traversed.